

Name: _____

Date: _____

Math: _____

Pre-Algebra
All Integer Rules
Quiz Study Guide

Directions: Complete each problem. Show your work in the boxes below; if you use mental math, show the computation you are doing in your head whenever possible. You may choose to use algebra tiles and/or number lines. BOX your final answer and **check your work!**

Use your integer Rules Graphic Organizer to help you

$15 + (-12)$	$-10 - 11$	$-12 + 19$
$-14 - (-5)$	$66 \div 11$	$13 + 38$
$6 + (-17)$	$14 \cdot (-3)$	$-48 \div (-2)$
$-10 \cdot 5$	$-7 + (-15)$	$7 - 19$
$-6 \cdot (-6)$	$8 + (-8)$	$19 - 7$
$56 \div (-7)$	$-8 - (-16)$	$25 + 43$
$-9 + 4$	$-40 \div 5$	$12(9)$
$6 - (-7)$	$8(-11)$	$25 - (-10)$

<p>Circle <u>all</u> sequences that have a sum of 3 *Hint- Solve Each First*</p> <p>A. $2 + (-10) + (-5) + 9 + 7$</p> <p>B. $-1 + (-9) + (-4) + 13 + (-2)$</p> <p>C. $13 + (-9) + 9 + (-10)$</p> <p>D. $3 + (-5) + 1 + (-7)$</p> <p>E. $8 + (-17) + 6 + (-1) + 5 + (-4)$</p>	<p>Which of the sequences in is order from greatest to least?</p> <p>A. $-10 , -7, 2, 6$</p> <p>B. $4, - -3 , -6 , -1$</p> <p>C. $-8, - -4 , 0, -9$</p> <p>D. $5, -1 , -2, - -4$</p> <p>Hint: Find the “absolute values” first</p>
<p>Error Analysis:</p> <p>Carly claims that $-100 \div (25)$ is -4.</p> <p>Is she correct/incorrect? Why?</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>Create three multiplication problems that have a product of -12.</p> <p>_____ \cdot _____ = - 12</p> <p>_____ \cdot _____ = - 12</p> <p>_____ \cdot _____ \cdot _____ = - 12</p>
<p>Write a word problem scenario for $-25 + 10$.</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>Circle <u>all</u> sequences that have a difference of -5 *Hint- Solve Each First*</p> <p>A. $-10 - 5 - (-14)$</p> <p>B. $17 - 8 - (-2) - 6$</p> <p>C. $1 - (-2) - 8$</p> <p>D. $-14 - 3 - (-22)$</p> <p>E. $-13 - 6 - (-14)$</p>

Extra Work Space: